

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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Application ID: 09681792
Title of Invention: Electronic Actuation for
Mechanically Held Contactors
First Named Inventor: Natarajan Mani
Domestic/Foreign Application: Domestic Application
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Effective Receipt Date: 2001-06-06
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Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
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Total Fees Authorized: \$1092.0
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Deposit Account Name: Timothy J. Olson



TRANSMITTAL FORM

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Attorney Docket Number: GEN-0262



Electronic Actuation for Mechanically Held Contactors

First Named Inventor: Natarajan Mani

SUBMITTED BY

Name: Timothy J. Olson
 Registration Number: 42,962
 Electronic Signature Mark: ~TJO~ Date Signed: 20010606

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

specification	GEN-0262 Application.xml
declaration	Declaration pg 1.tif
declaration	Declaration pg 2.tif
declaration	Declaration pg 3.tif
declaration	Declaration pg 4.tif
declaration	Declaration pg 5.tif
fee-transmittal	ePavefee.xml

bibd-transmittal
patent-assignment

ePaveapds.xml
ePaveasgn.xml

Attached Image File(s):

Declaration pg 1.tif

Declaration pg 2.tif

Declaration pg 3.tif

Declaration pg 4.tif

Declaration pg 5.tif

Figure 1 consists of 12 sub-graphs labeled (a) through (l). Each graph plots a 'Response' on the y-axis (ranging from 0 to 10) against a 'Concentration (mg/L)' on the x-axis (ranging from 0 to 10). The graphs illustrate various types of relationships between the concentration of a substance and the measured response:

- (a) Linear increase: The response increases linearly from 0 to 10 as concentration increases from 0 to 10.
- (b) Linear decrease: The response decreases linearly from 10 to 0 as concentration increases from 0 to 10.
- (c) Non-linear increase: The response increases non-linearly, starting at 0 and reaching 10 at a concentration of approximately 8.
- (d) Non-linear decrease: The response decreases non-linearly, starting at 10 and reaching 0 at a concentration of approximately 8.
- (e) Linear increase with a change in slope: The response increases linearly, with a steeper slope after a concentration of 5.
- (f) Linear decrease with a change in slope: The response decreases linearly, with a steeper slope after a concentration of 5.
- (g) Non-linear increase with a change in slope: The response increases non-linearly, with a steeper slope after a concentration of 5.
- (h) Non-linear decrease with a change in slope: The response decreases non-linearly, with a steeper slope after a concentration of 5.
- (i) Linear increase with a change in slope: The response increases linearly, with a steeper slope after a concentration of 5.
- (j) Linear decrease with a change in slope: The response decreases linearly, with a steeper slope after a concentration of 5.
- (k) Non-linear increase with a change in slope: The response increases non-linearly, with a steeper slope after a concentration of 5.
- (l) Non-linear decrease with a change in slope: The response decreases non-linearly, with a steeper slope after a concentration of 5.

Comments:

109090" 26278960

**COMBINED DECLARATION AND
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention, "**ELECTRONIC ACTUATION FOR MECHANICALLY HELD CONTACTORS**" (Docket No. 75IN-125) the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me which is material to patentability (as defined in 37 C.F.R. Sec. 1.56) in connection with the examination of this application. I also acknowledge the duty to disclose all information known to me to be material to patentability which becomes available between the date of the prior application and the national or PCT international filing date of any continuation-in-part application.

I hereby appoint Ronald E. Myrick, Reg. No. 26,315 of GENERAL ELECTRIC COMPANY (W3E), 3135 Easton Turnpike, Fairfield, CT 06431-0001; Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. 24,030, James W. Mitchell, Reg. 25,602, Bernard Snyder, Reg. No. 24,843 and John F. Beninati 40,510 all of GENERAL ELECTRIC COMPANY (W3D), 3135 Easton Turnpike, Fairfield, CT 06431-0001; Carl B. Horton, Reg. No. 34,622, Damian G. Wasserbauer, Reg. No. 34,749, Wayne O. Traynham, Reg. No. 29,872 and Dave S. Christensen, Reg. No. 40,955 all of GENERAL ELECTRIC COMPANY, 41 Woodford Avenue, Plainville, CT 06062, Philmore H. Colburn II, Reg. No. 35,101, Keith J. Murphy, Reg. No. 33,979, David A. Fox, Reg. No. 38,807, Timothy J. Olson, Reg. No. 42,962 and Leonard E. Heyman, Reg. No. 40,418 of Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alternations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith, I hereby direct that all correspondence and telephone calls in connection with this application be addressed to the said Philmore H. Colburn II at Cantor Colburn LLP 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Natarajan Mani

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Full name of sixth inventor: Thuong Huy Phung

Inventor's Signature: _____ Date: _____

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Citizenship: USA

Full name of seventh inventor: David J. Lesslie

Inventor's Signature: _____ Date: _____

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Full name of eighth inventor: Sujit Kumar Piri

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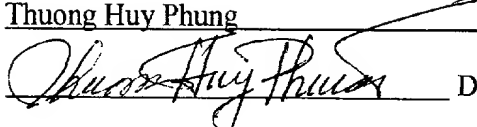
Citizenship: India

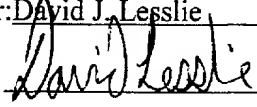
Full name of fifth inventor: Joseph P. Smith

Inventor's Signature:  Date: 5/9/02

P.O./Residence Address: 129 Stoughton Street, Dorchester MA 02125

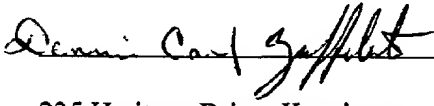
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FEE TRANSMITTAL

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Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1092

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1130
 Deposit Account Name: Cantor Colburn LLP



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Timothy J. Olson
 Electronic Signature Mark: ~TJO~
 Date Signed: 20010606

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 39	103	\$ 18	19	\$ 342
Independent Claims: 3	102	\$ 80	0	\$ 0

Subtotal For Extra Claims Fees: \$ 342

ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40